DOCUMENT RESUME

ED 073 587 EC 051 239

TITLE	Computer Assisted Planning: A User Manual for Computer Based Resource Units.
INSTITUTION	State Univ. of New York, Buffalo. Educational Research and Development Complex.
PUB DATE	Oct 72
NOTE	8p.
EDRS PRICE	MF-$0.65 HC-$3.29
DESCRIPTORS	*Computer Assisted Instruction; *Educational Planning; *Exceptional Child Education; Guidelines; Handicapped Children; *Individualized Instruction; *Resource Guides

ABSTRACT

Intended for teachers, the user manual for computer assisted planning to individualize instruction for normal and handicapped children describes computer based resource units and gives instructions for obtaining a computer based resource guide. Computer based resource units are described as consisting of objectives, content statements, activities, materials, and evaluation devices coded to various learner variables. Also given are directions for filling out the request form and a listing of the approximately 40 unit titles currently available with appropriate grade ranges specified. See EC 051 238, EC 051 240 and EC 051 241 for related documents. (DB)

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COMPUTER ASSISTED PLANNING

A USER MANUAL

FOR

COMPUTER BASED RESOURCE UNITS

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EC 051 239E

Research and Development Complex
Faculty of Professional Studies
State University College at Buffalo
1300 Elmwood Avenue
Buffalo, New York 14222

October, 1972

INTRODUCTION

This manual on Computer Assisted Planning represents an up-to-date compilation of resource materials on Computer Based Resource Units and Computer Based Resource Guides. As future changes or additions are made, you will receive revised or new materials to be included so that you will always have an up-to-date reference guide.

You may reprint any of the enclosed materials for use in your area and among your constituents. Please note when reprinting that Computer Assisted Planning is a dynamic, evolving concept and that periodic changes will take place in the materials.

If you have questions or wish help in using Computer Assisted Planning, please contact the Research and Development Complex, State University College At Buffalo, 1300 Elmwood Avenue, Buffalo, New York 14222, (716-862-5433).

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Unit Li ting

Objectives/Variables

COMPUTER ASSISTED PLANNING

. . . for individualizing instruction

TEACHERS . . . COMPUTER-BASED RESOURCE UNITS CAN HELP YOU PLAN FOR EACH INDIVIDUAL IN YOUR CLASS.

During the early 1960's, personnel at the Curriculum Center at the State University of New York at Buffalo, under the direction of Robert S. Harnack, began to investigate the feasibility of developing Computer-Based Resource Units. These units contain a greater number of suggestions than traditional resource units, thus offering more options in instructional planning. Because this information is computerized and coded to learning variables, it can be sorted rapidly to tailor unique programs for each child in relation to the profile information you provide. Months of pre-planning can be done for you in minutes.

What is a Computer-Based Resource Unit?

Units of study and skill development programs have been written for children K-12 on various topics such as World Health, Speaking & Listening, and Career Education. Groups of teachers, working cooperatively, formulated all of the major objectives they felt a teacher might select for a class preparing to study a specific topic. Then they listed all of the books, films, filmstrips and other materials which they found as potential resources. Subsequently they wrote as many statements of content about the topic as they thought were relevant. Taking into account the many different characteristics which children may exhibit, they devised activities which they felt were appropriate. These materials, activities, content items, and evaluation devices were then coded to each objective to which they were related. All of these strategies and resources were then coded in consideration of learner-variables as well, and stored in the memory bank of a computer. The computer can print out suggestions to the teacher appropriate activities, materials, content, and evaluation devices for the whole class and individual lists of suggestions which match the objectives you select and the profile you indicate for each child. The suggestions provided are not prescriptions and in the final analysis you, the teacher, are the one who decides whether you feel that Chuck should read a particular book, or whether Alice should take that field trip, or whether Don will really learn something by building that model.

How can you get a resource guide for your class?

Information on cost, request procedures and unit abstracts related to Computer Assisted Planning can be obtained by writing Computer Assisted Planning, Communications Center, Professional Studies Research & Development Complex, State University College at Buffalo, 1300 Elmwood Avenue, Buffalo, New York 14222, or by telephoning (716) 837-0291.

What Units are available?

A brochure "Computer Assisted Planning for Individualized Instruction" is enclosed. It lists units available now and those which will be available within the next several months.

INSTRUCTIONS FOR OBTAINING A COMPUTER-BASED RESOURCE GUIDE

Materials Enclosed: This request packet should contain the following materials:

(1) Computer-Based Resource Guide request form(s), (2) A listing of objectives related to the unit topic(s), (3) An instructional variables listing attached to each objectives list.

Directions:

1. Fill in the complete mailing address and unit title on the Computer-Based Resource Guide Request Form.

2. Indicate the teacher's name, the mental age range of the class (see category on M.A.), and the names of the students.

3. GROUP REQUEST - PART A: Read carefully any guidelines or instructions which may be noted on the "objectives" list. Select up to five (5) objectives which are appropriate for use with the total class and indicate the number of each "Group" objective selected on the appropriate lines in Part A of the Request form.

4. INDIVIDUAL REQUEST - PART B: For each student select one or two appropriate objectives from the objectives list and indicate the number(s) in the designated column. The student objectives may be the same as those selected in Part A or they may be entirely different. (Pupil-teacher planning, where appropriate, is encouraged in selecting these objectives.)

5. STUDENT VARIABLES SELECTION: Indicate--for each student--in the appropriate columns, the number(s) corresponding to the variables selected from the instructional variables listing. Note that when selecting student variables for Part B, you are instructed in some cases (Sex, Reading Level, Mental Age, Chronological Age) to select only one item in each category, while in other cases (General Interests, Developmental Tasks, Physical Handicaps) you may select up to five or as many as are appropriate. Remember, all variable categories are optional!

6. Send the Computer-Based Resource Guide request form to the address indicated below:

7. When you receive your Resource Guide you will also receive an evaluation form attached to the print-out. Please take time to fill out this evaluation form once you have completed the use of your Resource Guide.

COMPUTER BASED RESOURCE GUIDE

REQUEST FORM

OFFICE USE ONLY

DATE RECEIVED: _____

DATE ENTERED: _____

DATE MAILED: _____

GUIDE ID: _____

SCHOOL NAME: _____

ADDRESS: _____
(street)

_____
(city) (state) (zip)

COUNTY: _____

SCHOOL DISTRICT: _____

UNIT TITLE (U) _____ UNIT NUMBER _____

PART A

TEACHER NAME (T1) _____

GROUP OBJECTIVES _____ _____ _____ _____ _____ (Select 5 only)

CLASS M.A. RANGE (Please circle all those numbers which would indicate the mental age range of your class)

194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216

217 218

PART B

STUDENT NAME	INDIV. OBJ. 2 ONLY	INTERESTS	DEVELOPMENTAL TASKS	SEX	READING LEVEL	AGE MA	AGE CA	PHYS. HAND.	LEARNING ENVRMT.

RF:rev. 8/72

(Cont.)
PART B

STUDENT NAME	INDIV. OBJ. 2 ONLY		INTERESTS	DEVELOPMENTAL TASKS	SEX	READING LEVEL	AGE MA	AGE CA	PHYS. HAND.	LEARNING ENVRMT.

January 1973

COMPUTER BASED RESOURCE UNIT
LISTING

UNIT TITLE AND NUMBER	APPROXIMATE GRADE LEVEL
Air Pollution (912)	6-11
Alcohol (062)	K-12
American Civil Rights (117)	9-12
American Civilization in Historical Perspective (924)	9-12
American Cultural Revolution (905)	10-12
American People (926)	7-12
Career Education (903)	9-12
Communications (917)	K-6
Communities of Man (927)	4-9
Conservation (916)	4-10
Consumer Health (069)	4-12
Dental Health: Health Status (058)	K-9
Disease Prevention and Control (060)	K-12
Drugs (063)	K-12
Ecology and Epidemiology (066)	7-12
Environment and Public Health (065)	K-12
First Aid and Survival (068)	K-12
Going To and From School (908)	K-3
Human Growth and Development (907)	K-12
Illinois Test of Psycholinguistic Abilities (ITPA) (043)	K-6
Man and His Culture (913)	3-6
Management of Social Behavior (102)	K-6
Market Place (922)	2-10
Measurement (902)	3-8
Movigenics (006)	K-6
My Home and Family (110)	K-3
News Media in American Society (915)	4-12
Nutrition (057)	K-12
On The Road (119)	K-7
Our Community (108)	4-8
Safety Education (067)	K-9
Sensory Perception (059)	K-12
Solar System and Beyond (920)	3-7
Speaking and Listening (909)	K-6
Tobacco (061)	K-12
Transportation (923)	K-9
Trees to Toads - A Child's World (111)	K-3
World Health (070)	4-12
Mental Health (064)	K-12

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